

9. Acronyms

ASI	Atmospheric Structure Instrument (on Viking Lander and Mars Pathfinder)
AU	astronomical unit, average distance between Sun and Earth (1.46×10^8 km)
b	$\text{bar} = 1 \times 10^5 \text{ Pa}$
BS	bow shock
CARV	cruise and relay vehicle
CCIR	International Radio Consultative Committee
CNES	French Space Agency
COSPAR	Committee on Space Research
EUV	extreme ultraviolet
ESA	European Space Agency
DOY	day of year
JPL	Jet Propulsion Laboratory
HDO	hydrogen-deuterium-oxygen
HST	Hubble Space Telescope
IMP	Imager for Mars Pathfinder
IMF	interplanetary magnetic field
ISM	Infrared Spectrometer (on Phobos 2)
IRTM	(Viking) Infrared Thermal Mapper experiment
MAGE	Mars Airoborne Geophysical Explorer
MET	Meteorology Package (on Mars Pathfinder)
MGS	Mars Global Surveyor
MPB	magnetic pile-up boundary
MPF	Mars Pathfinder
MOC	Mars Orbiter Camera
MOLA	Mars Orbiter Laser Altimeter (on MGS)
NASA	National Aeronautic and Space Administration
nT	nanotesla
ppm	parts per million
NOAA	National Ocean and Atmosphere Administration
rms	root of mean square R_s solar radius (6.96×10^5 km)

S.T.P.	standard temperature and pressure
SZA	solar zenith angle
TEC	total electron content
UAMS	Upper Atmosphere Mass Spectrometer (on Viking)
UHF	ultra-high frequency
UTC	Universal Time Coordinates (Greenwich time)
VHF	very high frequency
VL	Viking Lander
WFPC	Wide Field Planetary Camera (on Hubble Space Telescope)